



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Applicant: JEAN-YVES CHENARD ET AL : Group 153

Serial No.: 254,313 : Examiner:
V. Hoke

Filed: April 15, 1981 :

For: IMPROVEMENT IN THE STABILIZATION
OF VINYL HALIDE POLYMERS

DECLARATION OF WILLIAM A. LARKIN -- 37 CFR 1.132

Hon. Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

I, William A. Larkin, do hereby declare as follows:

1. I hold a Bachelor of Science degree from Boston College, Newton, Massachusetts.
2. I am employed by M&T Chemicals and have worked in the field of organotin chemistry for PVC stabilization continuously for the past 22 years in a variety of capacities at M&T Chemicals Inc., including Director of Product Development and Technical Services. My experience in organotin stabilizers includes sales, product management, technical service, product development, product applications, marketing and research. I have developed many new and useful organotin stabilizers for PVC. I have been awarded 106 patents worldwide, 76 of which are for the processing of organotin compounds and compositions, organotin stabilizers for PVC, and PVC compositions useful in the manufacture of bottles, film, pipe and house siding.

3. I am familiar with the literature and patents as they relate to organotins and organotin stabilizers.
4. I have read French Patent No. 2,434,835 of Chenard et al and it is my opinion that a chemist familiar with the use of organotin compounds as PVC stabilizers would know, first, that the mercaptoesters could be used in conjunction with a large number of organotin PVC stabilizers to improve the performance of the stabilizer, and second, that the well-known halogen-containing organotin stabilizers are among the compounds with which the mercaptoesters can be used.
5. I have read the Declaration of Michel Foure dated December 19, 1983 and it is my opinion that the experimental work described in that Declaration confirms the proposition that the mercaptoesters can be used to improve the stabilizing performance of halogen-containing organotin compounds.
6. It is further my opinion that any chemist familiar with the art of PVC stabilization who was acquainted with Chenard et al French Patent No. 2,434,835 and the experimental work described in the Declaration of Michel Foure would know that the halogen-containing organotin compounds were a useful sub-class falling within the class of organotin compounds with which the mercaptoesters described by Chenard et al could be used.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and

further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

July 20, 1984
Date

William A. Larkin
William A. Larkin